

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	993	Byoung-\$.in.	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:00
S6	9353	(substrate or wafer) same defect\$3 same detect\$3	US-PGPUB; USPAT	ADJ	ON	2007/05/23 13:51
S7	5841	S6 and (difference or differential)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 13:51
S8	601	S7 and "382".clas.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 13:52
S9	411	S8 and reflect\$3	US-PGPUB; USPAT	ADJ	ON	2007/05/23 16:02
S10	12	("4702606"   "4742376"   "4805123"   "5659172"   "5792580"   "5793887"   "5808735"   "5923403"   "6097473"   "6333992"   "6614923"   "6700667").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/23 14:06
S11	1	"7020350".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/23 14:06
S12	106	S9 and (defect near2 (reference or template))	US-PGPUB; USPAT	ADJ	ON	2007/05/23 16:59
S13	2	("4736437"   "6292582").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/23 16:08
S14	1	S9 and (defect near2 (reference or template) near10 similar\$3)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 17:00
S15	13	S9 and (defect near2 (reference or template) same similar\$3)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 17:01
S16	6	("5475766"   "5619429"   "5965306"   "6016357"   "6171731"   "6223139").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/23 17:19
S17	1	"5737072".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/23 17:19
S18	1	"10/754013".app.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 18:42
S19	98	S9 and (UV or U\$V or (ultra\$ violet))	US-PGPUB; USPAT	ADJ	ON	2007/05/23 18:43
S20	5	(10/442955 10/749670 10/754013 11/198314).app.	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:09
S21	14	(09/265840 09/384885 09/940943 10/309166 10/393015 10/442955 10/749670 10/754013 10/801525 10/822055).app.	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:10

## EAST Search History

S22	497	382/144.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:14
S23	132	S22 and (substrate or wafer) same defect\$3 same detect\$3	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:14
S24	783	382/145.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:15
S25	930	382/147-150.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:15
S26	419	S24 and reflect\$3	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:16
S27	9371	(substrate or wafer) same defect\$3 same detect\$3	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:16
S28	5852	S27 and (difference or differential)	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:16
S29	601	S28 and "382".clas.	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:16
S30	411	S29 and reflect\$3	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:16
S31	113	S26 and S30	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:16
S32	1	("5153444").PN.	US-PGPUB; USPAT	ADJ	ON	2007/05/24 17:21
S33	141	(Byoung-\$ near3 Lee).in.	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:00
S34	15	(Deok-Yong near3 Kim).in.	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:01
S36	141	(Byoung-\$ near3 Lee).in.	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:03
S37	2	S36 and "S44"	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:04
S38	15	(Deok-Yong near3 Kim).in.	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:04
S39	4	S36 and S38	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:04
S40	523	382/144.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:06
S41	825	382/145.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:05
S42	668	382/149.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:05
S43	619	382/151.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:05
S44	2234	(S40 OR S41 OR S42 OR S43)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:06

## EAST Search History

S45	16	S44 and ((match\$3 or correspond\$3) same ((reference or specific) near3 defect) same pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 15:07
S46	67	S44 and ((match\$3 or correspond\$3) same ((reference or specific) near3 defect) and pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:19
S47	26	S44 and ((match\$3 or correspond\$3) same ((reference or specific) near3 defect) and CCD)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:25
S48	2	S44 and ((match\$3 or correspond\$3) same ((specific) near3 defect) same pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:26
S49	26	S44 and ((match\$3 or correspond\$3) same ((specific) near3 defect))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 14:45
S50	13	("6483938").URPN.	USPAT	ADJ	ON	2007/10/12 12:31
S51	48	S44 and ((classify\$3 or classification) same ((specific) near3 defect))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 12:40
S52	37	((match\$3 or correspond\$3) same ((reference or specific) near3 defect) same pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 14:44
S53	21	S52 not S45	US-PGPUB; USPAT	ADJ	ON	2007/10/12 14:26
S54	23	("20020130262"   "20020153916"   "20030028343"   "20030102436"   "20030205326"   "20030236586"   "20050033538"   "5592099"   "5592100"   "5640539"   "5656811"   "5673028"   "5757198"   "5852793"   "6337533"   "6466895"   "6539106"   "6635872"   "6670610"   "6799130"   "6864955"   "6867606"   "6882745").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 14:27
S55	2	((match\$3 or correspond\$3) same (database near3 defect) same pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 14:44
S56	18	S44 and ((match\$3 or correspond\$3) same (database near3 defect))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 14:55
S57	0	S44 and (((pixel near2 based) or (pixel-based)) same (database near3 defect))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 14:55

## EAST Search History

S58	1	((pixel near2 based) or (pixel-based)) same (database near3 defect))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 14:56
S59	18	((pixel near2 based) or (pixel-based)) and (database near3 defect))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 14:59
S60	78	((CCD or CMOS) same (manufactur\$3)) and ((defect\$3 near3 pixel) near6 detect\$3)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 15:06
S61	10	"382".clas. and S60	US-PGPUB; USPAT	ADJ	ON	2007/10/12 15:01
S62	0	((CCD or CMOS) same (manufactur\$3)) and (((defect\$3 near3 pixel) near6 detect\$3) same database)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 16:12
S63	18	S44 and ((match\$3 or correspond\$3) same ((reference or specific) near3 (defect\$3 or anomaly)) same pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 15:07
S64	363	((CCD or CMOS) same inspect\$3) and (defect\$3 near3 pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 16:13
S65	139	"382".clas. and (((CCD or CMOS) same inspect\$3) and (defect\$3 near3 pixel))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 16:39
S66	11	"382".clas. and (((CCD or CMOS) same inspect\$3) same (defect\$3 near3 pixel))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 16:33
S67	2	((CCD or CMOS) near3 sensor) same inspect\$3) same (defect\$3 near3 pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 16:38
S68	0	((CCD or CMOS) near3 chip) same inspect\$3) same (defect\$3 near3 pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/15 10:20
S69	6	"382".clas. and (((CCD or CMOS) near3 substrate) same inspect\$3) and (defect\$3 near3 pixel))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 17:24
S70	11	("4398177"   "4870357"   "4907282"   "5038048"   "5058178"   "5137362"   "5224176"   "5608816"   "5872870"   "6396943"   "6408109").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 16:42
S71	0	(pixel adj2 by adj2 pixel) and (((CCD or CMOS) near3 substrate) same inspect\$3) and (defect\$3 near3 pixel))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 17:27

## EAST Search History

S72	0	(pixel adj2 by adj2 pixel) and (((CCD or CMOS) same inspect\$3) and (defect\$3 near3 pixel))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 17:30
S73	0	(pixel adj2 by adj2 pixel) and (((CCD or CMOS) same inspect\$3))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 17:27
S74	0	(pixel adj2 by adj2 pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/12 17:27
S75	5	(pixel-by-pixel) and (((CCD or CMOS) near3 substrate) same inspect\$3) and (defect\$3 near3 pixel))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 17:27
S76	35	(pixel-by-pixel) and (((CCD or CMOS) same inspect\$3) and (defect\$3 near3 pixel))	US-PGPUB; USPAT	ADJ	ON	2007/10/12 17:30
S78	5	((((CCD or CMOS)) near3 inspect\$3) same (defect\$3 near3 pixel)	US-PGPUB; USPAT	ADJ	ON	2007/10/15 10:28
S79	29	((((CCD or CMOS)) near3 inspect\$3) and (SEM)	US-PGPUB; USPAT	ADJ	ON	2007/10/15 10:50
S80	183	(pixel near3 inspect\$3) and (SEM)	US-PGPUB; USPAT	ADJ	ON	2007/10/15 10:51